

1. Method for producing of bubbly alcohol-containing beverages where a base mix is prepared and subjected to controlled alcohol fermentation in an air-tight system, stabilization and filtration, characterized with the fact that the alcohol fermentation, stabilization and filtration are carried out in one and the same air-tight space and the resultant bubbly beverage remains in that space till the moment of its consumption, when the filtration and stabilization are carried out simultaneously.

2. Method for producing of bubbly alcohol-containing beverages where a preliminarily prepared non-stabilized, non-bubbly and unfiltered alcohol-containing beverage is subjected to carbonation in an air-tight system, stabilization and filtration, characterized with the fact that the carbonation, stabilization and filtration are carried out in one and the same air-tight space and the resultant bubbly beverage remains in that space till the moment of its consumption, when the filtration and stabilization are carried out simultaneously.

3. Method for the producing of bubbly alcohol-containing beverages according to claims 1 and 2, characterized with the fact that prior to consumption, the beverage is conditioned, in accordance with the consumer's taste, by addition of pre-dozed filling solution.

4. Method for the producing of bubbly alcohol-containing beverages according to claims 1 and 2, characterized with the fact that prior to consumption, the beverage is conditioned, in accordance with the consumer's taste, by addition of pre-dozed fruit concentrate.

5. Device for producing of bubbly alcohol-containing beverages, realizing the method according to the claim 1, consisting of a container, whose inner surface is approved for contact with foodstuff and beverages, characterized with the fact that the container (1) is cylindrical and has spherical upper (14) and lower (15) end parts, a protruding cylindrical band (2) is fitted fixedly to the container (1), so that the outer edges (17 and 18) of the band (2) extend beyond the length of the said container (1), the container (1) and the band (2) together form a keg (16) in the center of whose upper end part (14) a multifunctional plug head (3) is fixed, the lower end of said head (3) is fixed to a piping (4), whose axis coincides

with that of the container (1), and whose lower open end is placed very closely to the lower end part (15), and inside the lower open end of the said piping (4) a filtering element (5) is fitted, whose outer lower end (24) is sealed to the said piping (4) by means of a sealing ring (6).

6. Device according to the claim 5, characterized by the fact that the filtering element (5) is made of porous material with pore size less than 100 μm and is formed as a hollow cylinder whose outer surface is provided with a multitude of distancing drop-like protrusions (21), spaced along the its surface, the upper end (22) of the said filter (5) is closed, the lower end (23) of the said filter (5) is open to the volume of the container (1), along the lower periphery on the outside of the said filter element (5) a ring (24) is formed, whose outer diameter is larger than the outer diameter of the piping (4), and on the upper surface of the said ring (24) a bed is formed receiving the said sealing ring (6).

7. Device according to the claims 5 and 6, characterized with the fact that the inlet (25) of the multifunctional plug head (3) of the keg (16) is connected to monitoring and controlling devices (7), and the outlet (26) of the said head (3) is closed.

8. Device according to the claims 5 and 6, characterized with the fact that the inlet (25) of the said multifunctional plug head (3) of the keg (16) is connected via a reduction valve (9) to a gas container (8) containing pressurized carbon dioxide and the outlet (26) of the said head (3) is connected to a draught outlet (10).

9. Device according to the claims 5 and 6, characterized by the fact that the inlet (25) of the said multifunctional plug head (3) of the said keg (16) is connected via a reduction valve (9) to a gas container (8) containing pressurized carbon dioxide, the outlet (26) of the said head (3) is closed, and the keg (16) is turned with its lower end (15) up.

10. Device according to the claims 5 and 6, characterized with the fact that the inlet (25) of the multifunctional plug head (3) of the keg (16) is connected equipressurally to the outlet of a fermentation tank (11), containing non-stabilized bubbly alcohol-containing beverage.

11. Device according to the claims 5 and 6, characterized with the fact that said protruding cylindrical band (2) consists of upper part (2') and lower part (2'') fixed, respectively, above and below the joining planes of the end parts (14 and 15) to the cylindrical surface of the container (1), so that the outer edges (17 and 18) of the bands (2', 2'') extend beyond the length of the said container (1), and the upper cylindrical band 2' is provided with opposite openings 31.